

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently amended) A seeding machine comprising:

a longitudinally extending tow bar;

a main frame transverse to the tow bar;

a wing frame is pivotally mounted to the main frame so that the wing frame can be folded forward from a transverse working configuration to a longitudinal transport configuration along the tow bar;

a hopper for holding seed;

a pivot arm having a first end and a second end, the first end of the pivot arm is pivotally mounted to the wing frame, the pivot arm having a working position and a transport position;

a planting unit is mounted to the second end of the pivot arm, the planting unit comprises a seed meter, an auxiliary hopper and a ground engaging furrow opener, wherein when the pivot arm is in the working position the planting unit is in contact with the ground;

a flexible tube extends between the hopper and the auxiliary hopper of the planting unit for directing seed from the hopper to the planting unit;

when the wing frame is folded forward to the transport configuration, the pivot arm is rotated to the longitudinal transport position wherein the planting unit is pivoted to a vertical position longitudinally inward of the working position; and

wherein the planting unit is attached to the pivot arm by a parallel linkage that allows the planting unit to follow the ground independent of the pivot arm when the pivot arm is in the working position.

Claim 2. (previously amended) A seeding machine as defined by claim 1 wherein the pivot arm has an intermediate position between the working position and the transport position, whereby the ground engaging furrow opener is no longer in contact with the ground.

Claim 3. (Currently amended) ~~A seeding machine as defined by claim 2~~

A seeding machine comprising:

a longitudinally extending tow bar;

a main frame transverse to the tow bar;

a wing frame is pivotally mounted to the main frame so that the wing frame can be folded forward from a transverse working configuration to a longitudinal transport configuration along the tow bar;

a hopper for holding seed;

a pivot arm having a first end and a second end, the first end of the pivot arm is pivotally mounted to the wing frame, the pivot arm having a working position and a transport position;

a planting unit is mounted to the second end of the pivot arm, the planting unit comprises a seed meter, an auxiliary hopper and a ground engaging furrow opener, wherein when the pivot arm is in the working position the planting unit is in contact with the ground;

a flexible tube extends between the hopper and the auxiliary hopper of the planting unit for directing seed from the hopper to the planting unit;

when the wing frame is folded forward to the transport configuration, the pivot arm is rotated to the longitudinal transport position wherein the planting unit is pivoted to a vertical position longitudinally inward of the working position;

wherein the pivot arm has an intermediate position between the working position and the transport position, whereby the ground engaging furrow opener is no longer in contact with the ground; and

wherein the first end of the pivot arm is pivotally coupled to the wing frame by a rock shaft having a bell crank, the rock shaft defining a first pivot axis about which the pivot arm is pivoted, a linear motor extends between the wing frame and the bell crank for rotating the rock shaft relative to the wing frame and thereby pivoting the pivot arm.

Claim 4. (original) A seeding machine as defined by claim 3 wherein the linear motor is a hydraulic cylinder.

Claim 5. (canceled)